



# UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/062,179	02/01/2002	Jens U. Quistgaard	019162-003110US

20350  
TOWNSEND AND TOWNSEND AND CREW, LLP  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834



**CONFIRMATION NO. 1680**

**FORMALITIES LETTER**



\*OC000000007784626\*

Date Mailed: 04/03/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

09/11/2002 HBERHE 00000095 201430 10062179

**FILED UNDER 37 CFR 1.53(b)**

01	FC:101	740.00 CH
02	FC:105	130.00 CH
03	FC:103	990.00 CH
04	FC:102	840.00 CH

***Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 370 to complete the basic filing fee for a small entity.*
- Total additional claim fee(s) for this application is \$915.
  - \$495 for 55 total claims over 20.
  - \$420 for 10 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1350.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - Drawings must be reasonably free from erasures and must be free from alterations, overwritings, interlineations, folds, and copy marks.
  - drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));

*A copy of this notice **MUST** be returned with the reply.*



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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

700-2175-0002



HCO  
9/12/02

03102  
#7

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231 On September 3, 2002

PATENT  
Attorney Docket No.: 019162-003110US

TOWNSEND and TOWNSEND and CREW LLP

By:

JoAnn Evangelista

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Jens U. Quistgaard et al.

Application No.: 10/062,179

Filed: February 1, 2002

For: MEDICAL DIAGNOSTIC  
ULTRASOUND INSTRUMENT WITH  
ECG MODULE, AUTHORIZATION  
MECHANISM AND METHODS OF  
USE

Examiner: Unassigned

Art Unit: 3737

**LETTER TO OFFICIAL  
DRAFTSPERSON**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant submits 13 sheets of formal drawings to be made of record in  
the above-identified case.

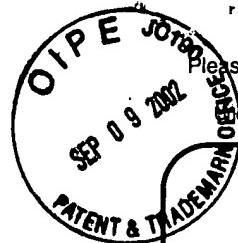
Respectfully submitted,

James M. Heslin  
Reg. No. 29,541

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: (415) 576-0200  
Fax: (415) 576-0300  
JMH:jke  
PA 3247377 v1

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# TRANSMITTAL FORM

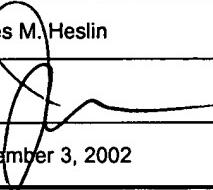
(to be used for all correspondence after initial filing)

		Application Number	10/062,179
		Filing Date	February 1, 2002
		First Named Inventor	Quistgaard, Jens U.
		Group Art Unit	3737
		Examiner Name	Unassigned
Total Number of Pages in This Submission	45	Attorney Docket Number	019162-003110US

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input checked="" type="checkbox"/> Extension of Time Request – 3 mo.  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers w/Recordation Sht (for an Application)  <input checked="" type="checkbox"/> Drawing(s) w/Ltr to Draftsperson  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Copy of Notice to File Missing Parts Executed Declaration Executed Power of Attorney Executed Statement under 37 CFR 3.73(b) Supplemental ADS Change in Status – Large Entity Return Postcard		
		Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP James M. Heslin	
Signature		
Date	September 3, 2002	

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

September 3, 2002

Typed or printed name	JoAnn Evangelista		
Signature			
	Date	September 3, 2002	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PA 3247402 v1

CIPR SEP 9 2002  
PATENT & TRADEMARK OFFICE

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 3620

<i>Complete If Known</i>	
Application Number	10/062,179
Filing Date	February 1, 2002
First Named Inventor	Quistgaard, Jens U.
Examiner Name	Unassigned
Group Art Unit	3737
Attorney Docket No.	019162-003110US

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  MoneyOrder  Other  None

 Deposit Account:

Deposit Account Number **20-1430**

Deposit Account Name **Townsend and Townsend and Crew LLP**

## The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee (\$)	Fee (\$)
101	740	201	370
106	330	206	165
107	510	207	255
108	740	208	370
114	160	214	80
SUBTOTAL (1)		(\$740)	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	75	-20**	=	55	X	\$18	=	\$990
Independent Claims	13	-3**	=	10	X	\$84	=	\$840
Multiple Dependent					X		=	

## Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$1830)		

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

3. ADDITIONAL FEES		Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65			Surcharge - late filing fee or oath	130
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	130	139	130			Non-English specification	
147	2,520	147	2,520			For filing a request for reexamination	
112	920*	112	920*			Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*			Requesting publication of SIR after Examiner action	
115	110	215	55			Extension for reply within first month	
116	400	216	200			Extension for reply within second month	
117	920	217	460			Extension for reply within third month	920
118	1,440	218	720			Extension for reply within fourth month	
128	1,960	228	980			Extension for reply within fifth month	
119	320	219	160			Notice of Appeal	
120	320	220	160			Filing a brief in support of an appeal	
121	280	221	140			Request for oral hearing	
138	1,510	138	1,510			Petition to institute a public use proceeding	
140	110	240	55			Petition to revive – unavoidable	
141	1,280	241	640			Petition to revive – unintentional	
142	1,280	242	640			Utility issue fee (or reissue)	
143	460	243	230			Design issue fee	
144	620	244	310			Plant issue fee	
122	130	122	130			Petitions to the Commissioner	
123	50	123	50			Petitions related to provisional applications	
126	180	126	180			Submission of Information Disclosure Stmt	
581	40	581	40			Recording each patent assignment per property (times number of properties)	
146	740	246	370			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370			For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370			Request for Continued Examination (RCE)	
169	900	169	900			Request for expedited examination of a design application	
Other fee (specify)-----							

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$1050)

SUBMITTED BY					
Complete (if applicable)					
Name (Print/Type)	James M. Heslin	Registration No. (Attorney/Agent)	29,541	Telephone	650-326-2400
Signature				Date	September 3, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PA 3247390 v1



#8

PATENT  
Attorney Docket No.: 016807-001520US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Jens U. Quistgaard et al.

Application No.: 10/062,179

Filed: February 1, 2002

For: MEDICAL DIAGNOSTIC  
ULTRASOUND INSTRUMENT WITH  
ECG MODULE, AUTHORIZATION  
MECHANISM AND METHODS OF  
USE

Examiner: Unassigned

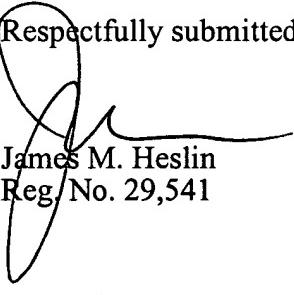
Art Unit: 3737

**CHANGE IN STATUS AND  
PAYMENT OF FEES DUE AS A  
LARGE ENTITY**

Box: NOMP  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants no longer claim the benefit of small entity status for the above-identified patent.

Respectfully submitted,  
  
James M. Heslin  
Reg. No. 29,541

TOWNSEND and TOWNSEND and CREW LLP  
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JMH:jke / PA 3246985 v1